

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Hiroko IWASAKI
Serial No. : Div. of 08/805,031 Group Art Unit:
Date Filed : Concurrently Herewith Examiner:
For : OPTICAL DATA RECORDING MEDIUM AND MATERIAL FOR
HEAT-RESISTANT PROTECTION LAYER FOR THE SAME

1185 Avenue of the Americas
New York, NY 10036

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Prior to examination on the merits, please amend the above-identified application as follows:

In the Claims:

Please cancel claims 1-6 without prejudice.

Please add claims 7-15 as follows:

- 7. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg
when in a bulk state, said compound comprising zinc oxide in a molar ratio with the basic material
of 3% to 50% zinc oxide.
8. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg
when in a bulk state, said compound comprising titanium oxide in a molar ratio with the basic
material of 10% to 98% titanium oxide.

9. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg

when in a bulk state, said compound comprising magnesium oxide in a molar ratio with the basic material of 3 % to 45 % magnesium oxide.

10. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg

when in a bulk state, said compound comprising yttrium oxide in a molar ratio with the basic material of 10 % to 80 % yttrium oxide.

11. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg

when in a bulk state, said compound comprising gallium nitride in a molar ratio with the basic material of 1 % to 30 % gallium nitride.

12. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg

when in a bulk state, said compound comprising silicon nitride in a molar ratio with the basic material of 10 % to 85 % silicon nitride.

13. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising aluminum nitride in a molar ratio with the basic material of 1 % to 50 % aluminum nitride.

14. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising a silicon carbide in a molar ratio with the basic material of 5 % to 50 % silicon carbide.

15. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising a titanium carbide in a molar ratio with the basic material of 10 % to 85 % titanium carbide.--

1002740-4413350

REMARKS

Claims 7-15 are pending in this case. By the present Preliminary Amendment, claims 1-6 have been cancelled and claims 7-15 have been added.

The Office is hereby authorized to charge any additional fees which may be required in connection with this amendment and to credit any overpayments to our Deposit Account No. 03-3125.

If a telephone interview could advance the prosecution of this application, the Examiner is respectfully requested to call the undersigned attorney.

The entry of this amendment and the allowance of this application are respectfully requested.

Respectfully submitted,



RICHARD F. JAWORSKI
Registration No. 33,515
Attorney for Applicant
Cooper & Dunham LLP
Tel: (212) 278-0400

RECEIVED
JUL 1 1999

VERSION WITH MARKINGS TO SHOW CHANGES IN THE CLAIMS

--7. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg
when in a bulk state, said compound comprising zinc oxide in a molar ratio with the basic material
of 3% to 50% zinc oxide.

8. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg
when in a bulk state, said compound comprising titanium oxide in a molar ratio with the basic
material of 10% to 98% titanium oxide.

9. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg
when in a bulk state, said compound comprising magnesium oxide in a molar ratio with the basic
material of 3% to 45% magnesium oxide.

10. (New) A protection layer for a data recording medium, the protection layer comprising:
a basic material; and
a compound having a thermal conductivity greater than or equal to 10 W/m.deg
when in a bulk state, said compound comprising yttrium oxide in a molar ratio with the basic
material of 10% to 80% yttrium oxide.

11. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising gallium nitride in a molar ratio with the basic material of 1% to 30% gallium nitride.

12. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising silicon nitride in a molar ratio with the basic material of 10% to 85% silicon nitride.

13. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising aluminum nitride in a molar ratio with the basic material of 1% to 50% aluminum nitride.

14. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising a silicon carbide in a molar ratio with the basic material of 5% to 50% silicon carbide.

15. (New) A protection layer for a data recording medium, the protection layer comprising:

a basic material; and

a compound having a thermal conductivity greater than or equal to 10 W/m.deg when in a bulk state, said compound comprising a titanium carbide in a molar ratio with the basic material of 10% to 85% titanium carbide.--